

# PATENT ABSTRACTS OF JAPAN

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(21)Application number : 06-164192 (71)Applicant : MITSUBISHI ELECTRIC CORP  
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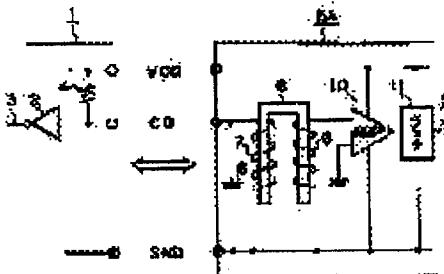
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**(54) IC CARD**

**(57)Abstract:**

**PURPOSE:** To obtain an IC card capable of detecting the mounting/dismounting of the card while keeping a living interface without adding any new terminal.

**CONSTITUTION:** In the IC card (card type semiconductor device) which can be easily connected and disconnected to/from a system 1 through a connector, a CD terminal in which a current flows in an inserted state is provided as a means to detect the connection (insertion) and the disconnection (extraction) to/from the system 1, and the change of this current is converted into the change of voltage by mutual induction between coils 7, 9 and an iron core 8, and an amplifier 10 to amplify the said change of the voltage is provided, and a latch circuit 11 to latch an amplified signal as a digital signal is provided.



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**LEGAL STATUS**

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